

Chamberlaine, 1628.

A new Almanacke and Prognostication for the yeare of our Lord 1628. and according to *Magnus* the 5590. from the creation of the world.

Being Bissextile or leape-yeare. Made & set forth according to Art by *Joseph Chamberlaine* Student in the Mathematicks.

The Astronomickall calculations being principally referred to the Meridian and Latitude of Stratford in Suffolke, where the Pole Arctike is elevated almost 52. degrees: & may serue for all the South part of Great Britaine.

Astra regunt homines, & regit

Astra Deus.

LONDON,

Printed for the Company of Stationers.

Generall Notes and obseruations, 1628.

<p>The Iulian or English ac- compt for this present yeare, 1628.</p>	<p>The Gregorian or Rom accompt for this present yeare, 1628.</p>
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- 14. The Golden number,
- 13. The Cycle of the Sun, 13.
- I.C. The Dominicals letters, I.C.
- 11. The Roman Indiction, 11.
- 4. The Epact, 24.

<p>Feb. 24. Shrove Sunday.</p> <p>Mar 2. first Sunday in lent,</p> <p>Apr, 13. Easter day,</p> <p>May, 22. Ascension day,</p> <p>June, 1. Whit Sunday,</p> <p>Novē. 30. Advent Sunday,</p>	<p>March, 5.</p> <p>March, 12.</p> <p>Aprill, 23.</p> <p>June, 1.</p> <p>June, 11.</p> <p>Decēb. 3.</p>
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From Christmas day to
Shrove Sunday is eight
weekes and six dayes.

Betweene Trinity and
Advent are 25. weekes.

From Christmas day
Shrove Sunday is
weekes and a day.

Betweene Trinity
Advent are 24. weekes.

Ember dayes.

March, 5. 7. 8.

June, 4. 6. 7.

Septem. 17. 19. 20.

Decem. 17. 19. 20.

Februarye, 23. 25. 26.

May, 24. 26. 26.

September, 20. 22. 23.

December, 20. 22. 23.

A perfect Table of the foure Tearmes and of
their Returnes.

Hillary Terme begins January the 23. and ends
12. of february; and hath 4. returnes.

Octab. Hillar. Jan. 21. } } Crastin. Purif. Feb. 3.
Quind. Hillar. Jan. 28. } } Octab. Purif. Feb. 9.

Easter Terme begins Aprill 30. and ends May the
6. and hath 5. returnes.

Quin. Pasch. Aprill 28 } } Quinq. Pasch. May 19.
Tres Pasch. May 5 } }
Ment. pasch. May 12 } } Crast. Ascen. May 23.

Trinity Terme begins June the 13. and ends Ju-
ly the second, and haue 4. returnes.

Crast. Trin June 9. } } Quin. Trin. June 23.
Octab. Trin. June 16. } } Tres. Trip. June 30.

Michaelmas Terme begins October the 9. and ends
November the 28. and hath 8. returnes.

Octab. Mich. October 6 } } Crast. Anima. November 3.
Quind Mich. October 13 } } Crast Mart. November 12.
Tres. Mich. October 20 } } Octab. Mart. November 18.
Ment. Mich. October 27 } } Quind. Mart. November 25.

Note that the Erchequer openeth eight dayes befoze
any Terme begins, except Trinity Terme, in
which it openeth but 4. dayes befoze.

NOTE

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- 14. The Golden number,
- 13. The Cycle of the Sun, 13.
- 1. C. The Dominicals letters, B. D.
- 11. The Roman Indiction, 11.
- 4. The Epact, 24.

Feb. 24.	Shroue Sunday.	March, 5.
Mar 2.	First Sunday in lent,	March, 12.
Apri, 13.	Easter day,	Apri, 23.
May, 22.	Ascension day,	June, 1.
June, 1.	Whitsunday,	June, 11.
Novē. 30.	Aduent Sunday,	Decēb. 3.

From Christmas day to
Shroue lunday is eight
weekes and six dayes.

Betweene Trinity and
Aduent are 25. weekes.

From Christmas day to
Shroue lunday is
weekes and a day.

Betweene Trinity
Aduent are 24. weekes.

Ember dayes.

March, 5. 7. 8.

June, 4. 6. 7.

Septem. 17. 19. 20.

Decem. 17. 19. 20.

February, 23. 25.

May, 24. 26. 26.

September, 20. 22.

December, 20. 22.

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the 12. of february; and hath 4. returnes.

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ly the second, and haue 4. returnes.

Crast. Trin	June 9.	}} Quin. Trin.	June 23.
Octab. Trin.	June 16.		Tres. Trin.

Michaelmas Terme begins October the 9. and ends
November the 28. and hath 8. returnes.

Octab. Mich.	October 6	}} Cras. Anima.	November 3.	
Quind Mich.	October 13		Crast Mart.	November 12.
Tres. Mich.	October 20		Octab. Mart.	November 18.
Quind. Mich.	October 27		Quind. Mart.	November 25.

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The Anatomie of Mans body, as the parts
thereof are governed by the 12.
Signes of the Zodiacke.

Aries, Head and face,

Taurus.
Necke and
throat.

Cancer.
Breast, sto-
mack & ribs,

Virgo,
Bowels and
belly,

Scorpio.
Secret mem-
bers,

Capricornus.
The knees,



Gemini
Armes
Shoulders

Leo,
Heart
backe.

Libra.
Reines
loynes.

Sagittarius
the Thigh

Aquarius
The Lo

The feete,

The Characters of the Signes and
Planets with the Aspects.

♈ Aries, ♉ Taurus, ♊ Gemini, ♋ Cancer, ♌
♍ Virgo, ♎ Libra, ♏ Scorpio, ♐ Sagittarius, ♑ Cap-
cornus, ♒ Aquarius, ♓ Pisces.

The Planets.

♄ Saturne, ♃ Iupiter, ♂ Mars, ☉ Sol, ♀ Ven-
♀ Mercurie, ☾ Luna. ♉ Dragons head, ♏ Dragons tail

The Aspects.

♂ Coniunction, * Sextile, ◻ Quadrant, △ Tri-
♂ opposition.

January hath xxxj. dayes:

First quar. the 4. day at 5. clo. 6. min. in the morning.
 Full moone the 10. day at 8. clo. 18. minu. at night.
 Last quar. the 18. day at 5. clo. 21. min. in the morn.
 New moone the 26. day at 7. clo. 46. min. at night.

New yea. d.	15	☐ ♀	6. 18. p.	8	5	d	11
Octa. of St.	28	♂ ♀	22. 33.	8	4	e	12
Oct. of Joh.	13	☐ ♀	5. 50.	8	3	f	13
Oct. of Ann.	26	☐ ♀	☐ ○	8	2	g	14
Oct. Tho B	10	△ ♀		8	1	a	15
Twelve day	25	♂ ♂		8	0	b	16
Felix	10	☾ Perig.		7	59	c	17
Lucian	24	♂ ♀		7	58	d	18
Agapete	9	☐ ♀	♂ ♀	7	57	e	19
Pau. i. her.	24	☾ in Eclipse.		7	56	f	20
Sol in Aquar.	8	♂ ♀	☐ ♀ ♀	7	55	g	21
Arad. mart	22	☐ ♀		7	54	a	22
i. su. aft. epi.	6	△ ♀		7	52	b	23
Felicia	19	☐ ♀		7	50	c	24
Maure	2	△ ♂		7	48	d	25
Marces	15	♂ ♀	☐ ♀	7	47	e	26
Anthonie	27	* ♀		7	45	f	27
Prisca	10	* ♀		7	42	g	28
Volston	23	♂ ♂	☐ ♀	7	39	a	29
i. su. aft. epi.	4	* ○		7	37	b	30
Agnes virg.	16	☾ Apog.		7	35	c	31
Vincent	28	♂ ♀		7	34	d	Feb. 2
Erme beg.	10	☐ ♀		7	32	e	3
Timothie	22	♂ ♀		7	30	f	4
Con. of Pau.	4	☐ ♂		7	28	g	5
Policarpe	17	☐ ♂		7	27	a	6
i. su. aft. epi.	29	☐ ♂	♂ ♀	7	25	b	7
Valerin	12	☾ Va. cur.		7	23	c	8
Theodoze	25	☐ ♀		7	21	d	9
Batild	8	♂ ♀		7	19	e	10
Victor	22	☐ ♀		7	17	f	

February hath xxix. dayes.

- First quarter the 2. day at 1. clo. 32. min. aft. noon
 ● Full moone the 9. day at 8. clo. 25. min. in the morn.
 ● Last quart. the 17. day at 1. clo. 45. mi. in. in the morn.
 ● New moone the 24. day at 10. cl. 35. mi. before noon

1	d	S. Widd. fa.	♂ 6 * ♀)	7	16	g
2	e	Warr. Mar.	♂ 21 □ ○)	7	14	a
3	f	4. fr. aft. epi.	♂ 5 ♂ ♂) □ ♀)	7	12	25
4	g	Gilbert	♂ 20 ♂ ♀) per.	7	10	c
5	a	Agathe	♂ 4 □ h)	7	8	d
6	b	Medasti	♂ 19 △ ♀ ♂) 12. 20.	7	6	e
7	c	Anguli bish.	♂ 3 ♂ ♀)	7	4	f
8	d	Paul bishop	♂ 17 * h)	7	2	g
9	e	Apoline	♂ 1 □ ♂)	7	0	a
10	f	Solin. Pisces	♂ 14 ♂ ♀)	6	58	2
11	g	Eufraſie	♂ 27 □ ♀)	6	56	c
12	a	Cerme end.	♂ 10 ♂ h)	6	54	d
13	b	Wolffon	♂ 22 △ ♀)	6	53	e
14	c	Valentine	♂ 5 △ ○)	6	51	f
15	d	Faufſtine	♂ 17 □ ♀)	6	49	g
16	e	Julian birg.	♂ 29 △ ♀)	6	47	2
17	f	Sexage. ſund.	♂ 12 ♂ ♂) Apog.	6	45	3
18	g	Simon	♂ 24 ♂ ♀) □ ♀)	6	43	4
19	a	Sabini	♂ 6 □ h)	6	41	5
20	b	Wildezed	♂ 18 * ♀)	6	40	6
21	c	69. martyrs	♂ 0 △ ♂)	6	38	7
22	d	Cathe. Pet.	♂ 13 △ h)	6	37	8
23	e	Locaſt. Del.	♂ 26 * ♀)	6	35	9
24	f	Shro. tun.	♂ 8 □ ♂) ♂ ♀)	6	33	10
25	g	Wath. Apo.	♂ 22) Va. Cur.	6	31	11
26	a	St. Paul	♂ 5 ♂ h) □ ♂ ♀)	6	29	12
27	b	Nece	♂ 19 ♂ h ♀)	6	26	13
28	c	Auguſtine	♂ 3 △ ♀)	6	24	14
29	d	Ol wolde	♂ 17 * ○ * ♀)	6	22	15

March hath xxxj. dayes.

first quarter the 2. day at 8. cloc. 27. min. at night.
 full moone the 9. day at 9. clocke 46. minu. at night.
 Last quar. the 17. day at 9. clo. 36. minut. at night.
 New moone the 25. day at 10. clo. 34. mi. before noon.

1	d	Dauid	II 1	) Perig.	6 20	g	11
2	e	Quadra. sund.	II 16	□ ♀) ♂ ♂)	6 18	a	12
3	f	Martine	III 0	♂ ♀)	6 16	b	13
4	g	Adrian	III 15	□ ♀) □ ♀)	6 14	c	14
5	a	Emmer wee	III 29	) ♀ 4. 32. a	6 12	d	15
6	b	Victor	III 13	△ ♀)	6 10	e	16
7	c	Perpetue	III 27	△ ♀)	6 8	f	17
8	d	felix	III 10	) ♀ )	6 6	g	18
9	e	2. sun. in lent	III 23	) Va. cur.	6 4	a	19
10	f	Agapete	III 6	□ ♂)	6 2	b	20
11	g	Sol in Aries.	III 18	□ ♀) □ ♀)	6 0	c	21
12	a	Gregory	III 0	♂ ♀)	5 58	d	22
13	b	Theodore	III 13	♂ ♀)	5 56	e	23
14	c	Candice	III 25	) Va. cur.	5 54	f	24
15	d	Longius	III 7	) Apog.	5 52	g	25
16	e	3. sun. in lent	III 10	♂ ♂)	5 50	a	26
17	f	Patricke	III 1	♂ ♀)	5 48	b	27
18	g	Edward R.	III 13	□ ♀) □ ♀)	5 46	c	28
19	a	Joseph	III 26	) ♀ 8. 22. a.	5 44	d	29
20	b	Cutbert	III 8	□ ♀)	5 42	e	30
21	c	Genet	III 21	△ ♂)	5 40	f	31
22	d	Aphrodosi	III 4	* ♀)	5 38	g	
23	e	4. sun. in lent	III 17	) Va. cur.	5 36	a	1
24	f	Init. K. lac. fa.	III 0	♂ ♀) □ ♀)	5 34	b	3
25	g	Ann. Mar	III 14	♂ ♂)	5 32	c	4
26	a	Caloz mar.	III 28	♂ ♀)	5 30	d	5
27	b		III 13	♂ ♀)	5 28	e	6
28	c	Init. R. Carol	III 27	) Perig.	5 26	f	7
29	d	Dorothe	III 12	△ ♀)	5 24	g	8
30	e	5. sun. in lent	III 27	♂ ♀) ♂ ♂)	5 22	a	9
31	f	Adelme	III 11	□ ♀)	5 20	b	10

Aprill hath xxx. dayes.

First quar. the 1. day at 2. clo. 56. mi. in the morning
 Full moone the 18. day halfe an houre afternoone
 Last quar. the 16. day at 3. clo. 41. minuts after noon
 New moone the 23. day at 7. clo. 56. mi. after noon
 First quar. the 30. day at 10. clo. 16. mi. before noon

1	g	Theodore	S 25	☾ 8	3. mi. an	5 19	c
2	a	Mary Egi.	☾ 10	☐ ♀		5 17	d
3	b	Richard bi.	☾ 23	☐ ♀		5 15	e
4	c	Ambrose	☾ 7	△ ♀		5 14	f
5	d	Martian	☾ 20	△ ♀		5 13	g
6	e	Palme sun.	☾ 2	♂ ☾ ☐ ♀ ☐ ♂ ☾		5 11	h
7	f	Egippus	☾ 15	☾ Va. cur.		5 9	b
8	g	Perpetuus	☾ 27	♂ ☾ ☐ 0.37.m.p		5 7	c
9	a	7. virgins	m 9	☐ ☾ ♂		5 5	d
10	b	Sol in Taurus	m 21	♂ ♀		5 3	e
11	c	July bishop	☾ 3	♂ ♀	Apog.	5 1	f
12	d	Oswald fast	☾ 15	☾ Va cur.		4 59	g
13	e	Easter day.	☾ 127	♂ ♀		4 57	h
14	f	Olife	☾ 9	☐ ☾ ♂ ♂		4 55	b
15	g	Leonard	☾ 21	△ ♀	☾	4 53	c
16	a	Idoze	☾ 3	△ ☾		4 51	d
17	b	Colmite	☾ 16	☐ ♀		4 50	e
18	c	Quintine	☾ 29	* ♀		4 48	f
19	d	Alphe bisho.	☾ 12	☐ ♀		4 46	g
20	e	1. su. af. east.	☾ 25	☐ ♀		4 44	h
21	f	Simon bish.	☾ 9	☐ ♂		4 41	b
22	g	Sothet vir.	☾ 23	☾ Va cur.		4 39	c
23	a	George mar.	☾ 7	△ ♀		4 37	d
24	b	Wulfriede b.	☾ 22	♂ ♀		4 35	e
25	c	Marke Eu.	☾ 7	☾ Perig.		4 33	f
26	d	Clere bishop	☾ 22	♂ ♀		4 31	g
27	e	2. su. af. east.	☾ 6	☐ ☾ ♂ ♀		4 30	h
28	f	Anastase bi.	☾ 21	♂ ♂	☾	4 28	b
29	g	Peter of me.	☾ 6	☐ ♀		4 26	c
30	a	Germe ben.	☾ 20	* ♀		4 24	d

fast.

May hath xxxj. dayes.

Full moon the 8. day at 3. clo. 52. mi. in the morning.
 Last quar. the 16. day at 7. clo. 19. mi. in the morning.
 New moone the 23. day at 3. clo. 41. mi. in the morn.
 first quarter the 29. day at 7. clock 35. mi. at night.

1	b	Phil. & Jac.	m 3	△ ♀ ☾	4 23	e	11
2	c	Athanas bi.	m 17	△ ○ ☾	4 21	f	12
3	d	Inuen. Cro.	o	♂ h □ ♀ ☾	4 20	g	13
4	e	3. lu. at. east.	12	☾ Va. cur.	4 18	h	14
5	f	Godarde	24	♂ ♀ ☾	4 27	b	15
6	g	lohn port. La.	m 6	♂ ♀ ☾	4 15	c	16
7	a	John of Be.	m 18	△ ♂ ☾ □ h ♀	4 13	d	17
8	b	Ap. S. W.	o	* h ☾ 7. 56. p.	4 12	e	18
9	c	Tra. of Pi.	12	☾ apog.	4 10	f	19
10	d	Corde & Epe	24	♂ ♀ ☾ 14. 50. p.	4 9	g	20
11	e	Solin Gem	v 5	□ h ☾ ♂ ♀ ☾	4 7	h	21
12	f	Acheley	v 17	☾ v 7. 44. p.	4 6	b	22
13	g	Boniface	v 29	♂ ♂ ☾	4 5	c	23
14	a	Isidore mar.	11	□ ♀ ☾	4 4	d	24
15	b	Brandon	24	☾ Va. cur.	4 2	e	25
16	c	Tra. of Ba.	x 7	□ ○ ☾	4 1	f	26
17	d	Diascori m.	x 20	□ ♀ ☾ 18. 15 m-p.	4 0	g	27
18	e	Boqation f.	v 3	♂ h ☾	3 57	h	28
19	f	Hellen Qu.	v 17	□ ♀ ☾	3 56	b	29
20	g	Barnardine	1	□ ♂ ☾	3 55	c	30
21	a	Julian vir	16	♂ ♀ ☾	3 54	d	31
22	b	Alcenti o d.	11	△ h ☾	3 53	e	lunc.
23	c	Tra. of fr.	16	♂ ○ ☾ Perig.	3 53	f	2
24	d	Adelme bish.	1	□ h ☾ ♂ ♀ ☾	3 52	g	3
25	e	Aug. of Eng	16	☾ ♀	3 51	h	4
26	f	Terme ends	1	♂ ♂ ☾ ♂ ♀ ☾	3 50	b	5
27	g	Germane	15	* ○ ☾	3 49	c	6
28	a	Coron mar.	29	□ ♀ ☾	3 49	d	7
29	b	felix	m 13	□ ○ ☾	3 48	e	8
30	c	Petronell	m 26	□ ♀ ☾	3 47	f	9
31	d	Heretifal.	9	♂ h ☾	3 47	g	10

June hath xxx. dayes.

- full Moone the 6. day at 7. clo. 15. min. at night
 ● Last quar. the 14. day at 8. clo. 39. minuts at night
 ● New moone the 21. day at 10. clo. 41. mi. before noon
 ● first quart. the 28. day at 7. clo. 19. mi. in the morning

1	E	Edith funda.	21	△ ○)	3 47	
2	f	Marceline	m 4	□ ♂) □ ♀)	3 46	b
3	g	Erasmie ma.	m 16	) Va cur.	3 46	c
4	a	Emmer wax	m 28	* h)	3 46	d
5	b	Boniface bi.	z 9	♂ ♀)	3 45	e
6	c	Molston	z 21	) Apog.	3 45	f
7	d	Medard	v 3	□ h) ♂ ♀)	3 45	g
8	e	Trinity in.	v 14	) Va. cur.	3 45	h
9	f	Tran. of Ed.	v 26	) Va. cur.	3 45	i
10	g	Innocent co	z 8	♂ ♂) ♂ ♀)	3 45	j
11	a	Sol in Cance.	z 10	△ ♀)	3 45	k
12	b	Corpus Chri.	x 2	♂ ♂ ♀	3 45	l
13	c	Cerme beg.	x 15	) Va. cur.	3 45	m
14	d	Basil bisho	x 28	♂ h □ ♀ □ ♀)	3 45	n
15	e	1. sun. aft. tri	v 12	♂ ♀)	3 45	o
16	f	Tran. S. B	v 26	△ ♀)	3 45	p
17	g	Butolph	x 10	□ ♂)	3 46	q
18	a	Marcel	x 24	□ ♀)	3 46	r
19	b	Ger. & Pro.	II 9	△ h)	3 46	s
20	c	Tran. S. Ed.	II 24	♂ ♀) Perig.	3 46	t
21	d	Alburg b.	II 9	□ h) ♂ ♀)	3 46	u
22	e	2. sun af. tri.	II 24	) Va cur.	3 47	v
23	f	Andre fast.	II 9	* h)	3 47	w
24	g	John Bap.	II 23	♂ ♂) ♂ ♀)	3 47	x
25	a	Tran. of El	III 17	* ○)	3 48	y
26	b	John & Pau	III 21	□ ♀)	3 49	z
27	c	Cresceto m.	III 4	♂ h)	3 50	a
28	d	Leo bisho	III 18	□ ♀)	3 50	b
29	e	St. Peter	III 0	* ♀)	3 51	c
30	f	Tran. of Pau	III 13	△ ○)	3 52	d

Iuly hath xxxj. dayes.

full moone the 6. day at 10. clo. 20. mi. before noone.
 Last quar. the 14. day at 3. a clo. 54. mi. in the morn.
 New moone the 20. day at 6. a clocke at night.
 first quarter the 27. day at 10. a clocke at night.

1	g	Oct. s. Jo. b.	m 25	☐ ♂)	3 53	c	11
2	a	Caroline end	♂ 7	☐ ♀)	3 54	d	12
3	b	Tra. of Co.	♂ 18	) Va. cur.	3 54	e	13
4	c	Tra. of Ma	♀ c	♂ ♀) Apog.	3 55	f	14
5	d	Joe vir. & m.	♀ 12	△ ♀)	3 56	g	15
6	e	4. sun. af. tri.	♀ 24	♂ ☉) 19. a.	3 57	a	16
7	f	Tra. of Ch.	♂ 5	♂ ♀)	3 59	b	17
8	g	Dep. of Gri.	♂ 17	) Va. cur.	4 0	c	18
9	a	Ciuilti bish.	♂ 29	♂ ♂)	4 1	d	19
10	b	7. Beth. m.	♂ 12	♂ ♀)	4 2	e	20
11	c	Tra. of We.	♂ 24	☐ ♀)	4 4	f	21
12	d	Raboz & fe.	♀ 8	♂ ♀)	4 5	g	22
13	e	Solin Leo.	♀ 21	△ ♀) △ ♀)	4 6	a	23
14	f	Renil	♂ 5	△ ♂)	4 8	b	24
15	g	S. Swithi.	♂ 19	☐ ♀)	4 9	c	25
16	a	Olmode	♂ 3	☐ ♂)	4 10	d	26
17	b	Kenelm kin	♂ 18	♂ ♀) ☐ ♀)	4 12	e	27
18	c	Arnulph. bi.	♂ 3	☐ ♀) Perig.	4 13	f	28
19	d	Wog da. beg.	♂ 18	* ♀) ☉	4 15	g	29
20	e	6. sun. af. tri.	♂ 3	♂ ☉) 6. p.	4 17	a	30
21	f	Praxedebir.	♂ 17	△ ♀)	4 18	b	31
22	g	Mary Mag	♀ 2	♂ ♀) 3. 18. p.	4 20	c	August
23	a	Apolin. bish.	♀ 15	☐ ♀) 13. p.	4 21	d	
24	b	Christ. fall.	♀ 29	♂ ♀)	4 23	e	3
25	c	same. Apoll	♂ 12	♂ ♀)	4 25	f	4
26	d	Anne	♂ 25	* ♀)	4 26	g	5
27	e	7. sun. af. tri.	♂ 8	☐ ☉) 10. p.	4 28	a	6
28	f	Samplon b.	♂ 21	♂ ♂ ♀)	4 30	b	7
29	g	Felix	♂ 3	☐ ♂) 18. 33. p.	4 30	c	8
30	a	Abdon	♂ 15	☐ ♀)	4 33	d	9
31	b	Germany b.	♂ 27	♂ ♀) ☐ ♀)	4 35	e	10

August hath xxvj. dayes.

- Full moone the 5. day at one in the morning.
- Last quar. the 12. day at 10. clo. 46. min. before noon.
- New moone the 19. day at 2. clo. 29. min. before noon.
- First quarter the 26. day at 2. clo. 54. mi. after noon.

1	c	Lammas d.	v ^o 9	☾ ☿ ☾	Apog	4 37	f
2	d	Stephen m.	v ^o 21	△ ♀ ☾		4 39	g
3	e	8 su. aft. tri.	v ^o 3	△ ♀ ☾		4 41	a
4	f	Justine	v ^o 15	☾ ☿ ☾	Va cur.	4 43	b
5	g	Olwald	v ^o 27	* ♀ ☾		4 44	c
6	a	Transfigur.	* 9	♂ ♂ ☾	16. p.	4 46	d
7	b	The feast J.	* 22	□ ♀ ☾	♂ ♀ ☾	4 48	e
8	c	Ciriacke	v ^o 4	♂ ♀ ☾	♂ ♀ ☾	4 50	f
9	d	Romane	v ^o 18	□ ♀ ☾		4 52	g
10	e	9. su. aft. tri	☾ 1	△ ☉ ☾		4 54	a
11	f	Tiburti. m.	☾ 15	△ ♀ ☾		4 56	b
12	g	Clare virg.	☾ 29	△ ♀ ☾		4 58	c
13	a	Sol in Virgo	II 13	□ ♀ ☾	□ ♂ ☾	5 0	d
14	b	Eusebit	II 28	♂ ♀ ☾	□ ♀ ☾	5 2	e
15	c	Ass. of our L	☾ 13	□ ♀ ☾	Perig.	5 3	f
16	d	Roch	☾ 27	* ♂ ☾		5 5	g
17	e	10. su. af. tri.	☾ 12	* ♀ ☾		5 7	a
18	f	Dog da. end.	☾ 26	△ ♀ ☾		5 9	b
19	g	Magnus	☾ 10	♂ ♀ ☾		5 11	c
20	a	Lewes bish.	☾ 24	□ ♀ ☾	♂ ♂ ☾	5 13	d
21	b	Barnard	☾ 7	♂ ♀ ☾	♂ ♀ ☾	5 15	e
22	c	Oct. Assum.	☾ 20	☾ ☿ ☾	Va. cur.	5 17	f
23	d	Timothe fa	☾ 3	☾ ☿ ☾	Va cur.	5 19	g
24	e	Barthol. A.	☾ 16	* ♀ ☾		5 21	a
25	f	Lewes kin.	☾ 28	* ♂ ☾		5 23	b
26	g	Seuerine	☾ 11	□ ♀ ☾		5 25	c
27	a	Russe mar.	☾ 23	♂ ♀ ☾	□ ♂ ☾	5 27	d
28	b	Austine	v ^o 5	□ ♀ ☾	□ ♀ ☾	5 29	e
29	c	Decol. of Jo	v ^o 17	△ ☉ ☾		5 31	f
30	d	Felix & Aud.	v ^o 29	△ ♂ ☾		5 33	g
31	e	12. su. af. tri.	☾ 11	△ ♀ ☾		5 36	a

September hath xxx. dayes:

- full moone the 3. day at 2. clo. 35. min. afternoone.
- Last quar. the 10. day at 4. clock 30. mi. after noone.
- New moone the 17. day at 2. clo. 40. mi. after noone.
- first quar. the 25. day at 9. cloc. 50. mi. before noone.

1	f	Egidij	☾ 23	* ♀	☾	5 38	b	11
2	g	Anthonye	* 6	♂ ♀	☾ ♂ ♀	5 40	c	12
3	a	Gregory	* 18	☐ ♀	☾	5 42	d	13
4	b	Tran. of Cu	✓ 1	♂ ♂	☾	5 44	e	14
5	c	Bertin	✓ 14	♂ ♀	☾	5 46	f	15
6	d	Eugenius	✓ 28	△ ♀	☾	5 48	g	16
7	e	13. lu. aft. tri	☾ 11	△ ♀	☾ ☐ ○ ♀	5 50	h	17
8	f	Nat. Lady	☾ 25	△ ♀	☾	5 52	b	18
9	g	Siluius	II 10	☐ ♀	☾	5 54	c	19
10	a	Protho	II 24	♂ ♀	☾ ☐ ♀	5 56	d	20
11	b	Martian	☾ 9	☐ ♀	☾ ☐ ♂	5 57	e	21
12	c	Maurily	☾ 23	♂ h ♂	7. Post.	5 59	f	22
13	d	dol in Liora	☾ 7	♂ ○ ♀		6 0	g	23
14	e	Holy Kade	☾ 22	△ ♀	☾	6 2	h	24
15	f	Octa. of M	☾ 6	☾	Va. cur.	6 4	b	25
16	g	Edith	☾ 19	☐ ♀	☾ ♂ ♀	6 6	c	26
17	a	Emser wee.	☾ 3	♂ ♀	☾	6 8	d	27
18	b	Wicor	☾ 16	♂ h	☾ ♂ ♂	6 10	e	28
19	c	January m.	☾ 29	* ♀	☾	6 12	f	29
20	d	Eustace fast	☾ 11	☾	Va. cur.	6 14	g	30
21	e	Bath. Apo.	☾ 24	☐ ♀	☾	6 16	h	1
22	f	Mauris	☾ 6	♂ ♀ ♀	☾	6 18	b	2
23	g	Tecla virg.	☾ 18	☐ ♀	☾ ☐ ♀	6 20	c	3
24	a	Andoch ma.	☾ 0	♂ ♀	☾ ☐ ♀	6 22	d	4
25	b	Firman ma.	☾ 12	☐ h	☾ ☐	6 24	e	5
26	c	Cip. & Just.	☾ 25	☐ ♂	☾	6 26	f	6
27	d	Colme	☾ 7	♂ ○ h	△ ♀	6 28	g	7
28	e	16. lu. af. tri.	☾ 19	△ ♂	☾	6 31	h	8
29	f	Michael Ar	* 2	* ♀	☾	6 33	b	9
30	g	Jerome	* 15	☾	Va. cur.	6 35	c	10

October hath xxxj. dayes.

- ful moone the 3. day halfe an hou. aft. 3. in the mo
- Last quar. the 9. day halfe an houre after 10. at nigh
- New moone the 17. day 20. min. after 3. in the mo
- first quar. the 25. day at 5. clo. 24. min. in the mo

1	a	Remigij bi.	✠ 27	□ ♀	) ♂ ♀	6 37	d
2	b	Leodagarij	✓ 10	♂ h	)	6 39	e
3	c	Candide m.	✓ 24	△ ♀	) ♂ ♂	6 41	f
4	d	Francis con	✠ 7	)	Va cur.	6 43	g
5	e	17. su. af. tri.	✠ 21	△ ♀	)	6 45	h
6	f	Faith	II 6	△ h	) 14. Po.	6 47	b
7	g	Mar. & Ma.	II 20	□ ♀	) Perig.	6 49	c
8	a	Delagi	☿ 5	♂ ♀	) △ ♂	6 51	d
9	b	Germe beg.	☿ 19	□ h	) □ ♀	6 53	e
10	c	Gra. & Uid.	♂ 4	□ ♂	)	6 55	f
11	d	Nicacius	♂ 18	* h	)	6 57	g
12	e	18. su. af. tri.	♂ 2	△ ♀	)	6 58	h
13	f	Solin scorp	♂ 16	)	Va cur.	7 0	b
14	g	Calixt	♂ 29	□ ♀	) ♂ ♀	7 2	c
15	a	Wolfran	♂ 12	♂ h	)	7 4	d
16	b	Michaelis	♂ 25	♂ ♂ ♀	)	7 6	e
17	c	Tra. of Eth	♂ 7	♂ ♂	) ♂ ♀	7 8	f
18	d	Lut Guan.	♂ 20	)	Va cur.	7 10	g
19	e	19. su. af. tri.	♂ 2	* ♀	)	7 12	h
20	f	Austrebert	♂ 14	* h	)	7 14	b
21	g	11000. virg.	♂ 26	♂ ♀	) □ ♀	7 16	c
22	a	Mary Sa.	♂ 8	* ♂	) ♀	7 18	d
23	b	Cri. & Cris.	♂ 20	□ h	)	7 19	e
24	c	Tra. of Jo.	♂ 2	△ ♀	)	7 21	f
25	d	Ursula	♂ 14	□ ♂	) □ ♀	7 23	g
26	e	20. su. af. tri.	♂ 27	* ♀	)	7 25	h
27	f	fall.	✠ 9	△ ♂	)	7 28	b
28	g	Sim. & Jud	✠ 22	△ ♀	)	7 30	c
29	a	Marcillus b	✓ 5	□ ♀	) ♂ ♀	7 31	d
30	b	German bi.	✓ 19	♂ h	)	7 34	e
31	c	Quintin fa	✠ 2	△ ♀	)	7	f

November hath xxx. dayes.

full moone the 1. day at 3. a cloc. in the afternoone.
 last quar. the 8. day a quarter past 6. in the morning.
 New moone the 15. day 3. quarter past 7. at night.
 first quar. the 34. day 3. quar. before 1. in the morn.

1	d	All Saints	♂ 17	♂ ♂)	7 35	g	I 1
2	e	21. su. af. tri.	II 1	△ ♀) ♂ ♀)	7 37	a	I 2
3	f	Wenefride	II 15	△ h)	7 39	b	I 3
4	g	Amancius	III 0	♂ ♀ □ ♀) Per.	7 40	c	I 4
5	a	Baptists con	III 15	□ h) △ ♂)	7 42	d	I 5
6	b	Leonard	III 0	△ ○)	7 43	e	I 6
7	c	Milfride	III 14	□ ♂)	7 45	f	I 7
8	d	Quatuor cor.	III 28	△ ♀)	7 47	g	I 8
9	e	22. su. af. tri.	III 12	□ ♀)	7 48	a	I 9
10	f	Martin bish	III 26	* ○) * ♂)	7 50	b	I 20
11	g	Martin	III 9	□ ♀) ♂ ♀)	7 51	c	I 21
12	a	Solin bagir.	III 22	♂ h)	7 52	d	I 22
13	b	Brice	III 5	* ♀)	7 54	e	I 23
14	c	Tran. of E.	III 17	) Va. cur.	7 55	f	I 24
15	d	Machute	III 29	♂ ♂)	7 56	g	I 25
16	e	23. su. af. tri.	III 11	) Va. cur.	7 58	a	I 26
17	f	Inic. Reg. Eliz	III 23	♂ ♀) Apog.	7 59	b	I 27
18	g	Oct. S. Ma	III 4	♂ ♀)	8 0	c	I 28
19	a	S. Euzave.	III 16	□ h) □ ♀)	8 1	d	I 29
20	b	Edmund k.	III 28	* ♂)	8 3	e	I 30
21	c	Pref. of M.	III 10	* ○)	8 4	f	I Dec
22	d	Cicili birg.	III 22	△ ♀)	8 5	g	I 2
23	e	24. su. af. tri.	III 5	□ ♂)	8 6	a	I 3
24	f	Grillogon. m	III 17	□ ○)	8 7	b	I 4
25	g	Kather. bir.	III 0	□ ♀)	8 7	c	I 5
26	a	Lini	III 13	□ ♀)	8 8	d	I 6
27	b	Agricoli	III 27	♂ h) ♂ ♀)	8 9	e	I 7
28	c	Tearme end	III 11	△ ♀)	8 10	f	I 8
29	d	Satur. fast.	III 25	) Va. cur.	8 11	g	I 9
30	e	Andrew Ap.	III 10	Advent Sunday	8 11	a	I 10

December hath xxxj. dayes.

- Full moone the 1. day 3. quar. past 1. in the morn.
- Last quar. the 7. day at 4 clo. 8. min. in the morn.
- New moone the 15. day at 2. clo. 20. min. after.
- First quarter the 23. day at 5. a clerke at night.
- Full moone the 30. day at noone.

1	f	Loy	II 24	△ h	8 12	b
2	g	Libane	6 9	♂ ♀	8 13	c
3	a	Dep. Osm.	6 24	□ h	8 13	d
4	b	Barbara vi.	6 9	△ ♀	8 13	e
5	c	Sabba abb.	6 24	* h	8 14	f
6	d	Nicholas b.	ny 8	□ ♂	8 14	g
7	e	2. su. in adu.	ny 22	□ ○	8 15	h
8	f	Co. of our L.	6	□ ♀	8 15	b
9	g	Cyprian ab.	6 19	♂ h	8 15	c
10	a	Eulalia vir.	m 2	♂ ♀	8 15	d
11	b	Damas	m 14	* ♀	8 15	e
12	c	in Capri	m 26	Va. cur.	8 15	f
13	d	Lucie virg.	7 8	Va. cur.	8 15	g
14	e	3. su. in adu.	7 20	♂ ♂	8 15	h
15	f	Valeri bish.	w 2	♂ ♀	8 15	b
16	g	Sapientia.	w 13	♂ ♀	8 15	c
17	a	Emoer	w 25	□ h	8 15	d
18	b	Gratian bi.	w 7	Va. cur.	8 15	e
19	c	Meness	w 19	△ h	8 14	f
20	d	Julian fast	* 1	* ♀	8 14	g
21	e	40. Apoc.	* 13	* ♀	8 13	h
22	f	30. martyrs	* 25	□ ♂	8 13	b
23	g	Victor virg.	v 8	□ ♀	8 12	c
24	a	Claudy cult.	v 21	♂ h	8 12	d
25	b	Quint. d.	8 5	Va. cur.	8 11	e
26	c	S. Stephen	8 19	△ ♀	8 11	f
27	d	John Euan.	II 3	♂ ♀	8 10	g
28	e	Innocents.	II 18	△ h	8 9	h
29	f	Tho. Beck.	6 3	♂ ♂	8 8	b
30	g	Esa. of Ilea.	6 18	□ h	8 7	c
31	a	Silvester	6 3	△ ♀	8 6	d

Chamberlaine. 1628.

Prognostication
for the yeere of our
Lord God, 6128.

BEING
Bisextile or Leap-yeare.

Containing many profitable
Rules, and compendious Tables,
fitting for men of sundry
faculties.

Set forth according to Art, by
Joseph Chamberlaine, Student
in the Mathematicks.

Secretum secretorum, in operibus suis
secretus horum.

LONDON,
Printed for the Company
of Stationers, 1628.

To the Reader.

Gentle Reader, I haue heere (amongst the rest of our Astronomers) presented your view this yceres Prognostication not for the worth thereof, but for the necessity of it: for what man now-a-daies, that hath dealings in this worlds affaires, but hath need of a Kalender, whereby he may know the day of the moneth, the Mouable Feasts, the L. dayes, and the like? Not so much as the man that goeth to his daies labour, but desireth to know the rising and setting of the Sunne: which is heere shewed vnto them; For in the first Colonne of this my Almanacke, you shall haue the dayes of the Moneth; in the second, the letters belonging to each day of the week; in the third, the mouable Feasts, with the Saints dayes; in the fourth, the Signe and graue that the Moone is in each day at noone; in the fifth, the Aspect of the Moone with the rest of the Planets; in the sixth, the rising of the Sunne in the latitude of 52. Degrees; in the seventh and eighth, the Forraigne Account, or the Account vsed beyond the Sea. And although you haue not heere a particular description of the Weather, yet if you please to note the Aspect of the Moone, and then resort to the Table here after mentioned, you may in some sort satisfy your desire.

Chamberlaine. 1628.

Table shewing the beginning, continuance, and ending of the Reignes of the Kings of England, since the Conquest, as also how long it is since.

Kings names.	The yeere, month, day, they beganne their reignes.	The yeeres, moneths, dayes they reigned.	Since their reignes.
William Con.	1066 October 14	20 yeeres, 11 mo. 14 da.	562. yeeres.
William Ruf.	1087 Septemb. 9	12. yeeres, 11 mo. 17 da.	544
Henry 1	1100 August 1	35 yeeres, 4 mo. 11 da.	528
Stephen	1135 Decemb. 2	18 yeeres, 11 mo. 18 da.	493
Henry 2	1154 October 25	34. yeeres, 9 mo. 1 da.	474
Richard 1	1189 Iuly 6	9 yeeres, nine moneths.	439
John	1199 Aprill 6	17 yeeres, 6 mo. 13 da.	429
Henry 3	1216 October 19	56 yeeres, 4 weekes.	412
Edward 1	1272 Nouemb. 16	34 yeeres, 8 mo. 6. da.	356
Edward 2	1347 Iuly 7	15 yeeres, 7. mo. 5. da.	328
Edward 3	1326 Ianuary 25	50 yeeres, 5 mo. 7. da.	301
Edward 3	1377 Iune 21	32 yeeres, 1 mo. 14. da.	250
Henry 4	1399 Septemb. 29	13 yeeres, 6 mo. 3. da.	229
Henry 5	1412 March 30	9 yeeres, 5 mo. 14. da.	215
Henry 6	1422 August 31	18 yeeres, 4 mo. 8 da.	205
Edward 4	1460 March 4	22 yeeres, 5 mo. 1 da.	168
Edward 5	1481 Aprill 9	0 yeeres, 3 mo. 18 da.	145
Richard 3	1483 Iune 22	2 yeeres, 3 mo. 5. da.	145
Henry 7	1485 August 12	23 yeeres, 8 mo. 19 da.	143
Henry 8	1509 Aprill 22	37 yeeres, 10 mo. 2 da.	119
Edward 6	1546 Ianuary 28	6 yeeres, 5 mo. 19 da.	82
Henry 8	1553 Iuly 6	5 yeeres, 4 mo. 22 da.	75
Elizabeth 1	1558 Nouemb. 17	44 yeeres, 4 mo. 13 da.	70
James 6	1603 March 24	22 yeeres, 0 mo. 3 da.	26
Charles 1	1625 March 27	VIVAT REX.	

That the yeere of our Lord (for the date of any Record in England) beginnes upon the 25. day of March.

To the Reader.

Gentle Reader, I haue heere (amongst the rest of our Astronomers) presented in your view this yceres Prognostication not for the worth thereof, but for the necessity of it: for what man now-a-daies, that hath any dealings in this worlds affaires, but hath need of a Kalender, whereby he may know the day of the moneth, the Mouable Feasts, the Lawdayes, and the like? Not so much as the man that goeth to his daies labour, but desireth to know the rising and setting of the Sunne: which is heere shewed vnto them; For in the first Columnne of this my Almanacke, you shall haue the dayes of the Moneth; in the second the letters belonging to each day of the week; in the third, the mouable Feasts, with the Saints dayes; in the fourth, the Signe and grade that the Moone is in each day at noone; in the fifth, the Aspect of the Moone with the rest of the Planets; in the sixth, the rising of the Sunne in the latitude of 52. Degrees; in the seventh and eighth, the Forraigne Account, or the Account vsed beyond the Sea. And although you haue not heere a particular description of the Weather, yet if you please to note the Aspect of the Moone, and then resort to the Table hereafter mentioned, you may in some sort satisfy your desire.

Chamberlaine. 1628.

Table shewing the beginning, continuance, and ending of the Reignes of the Kings of *England*, since the Conquest, as also how long it is since.

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Henry 3	1216 October 19	56 yeeres, 4 weekes.	412
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Edward 2	1347 Iuly 7	19 yeeres, 7. mo. 5. da.	328
Edward 3	1326 Ianuary 25	50 yeeres, 5 mo. 7. da.	301
Richard 2	1377 Iune 21	22 yeeres, 1 mo. 14. da.	250
Henry 4	1399 Septemb. 29	13 yeeres, 6 mo. 3. da.	239
Henry 5	1412 March 30	9 yeeres, 5 mo. 14. da.	215
Henry 6	1422 August 31	18 yeeres, 4 mo. 8 da.	205
Edward 4	1460 March 4	22 yeeres, 5 mo. 1 da.	168
Edward 5	1483 Aprill 9	0 yeeres, 2 mo. 18 da.	145
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Henry 7	1485 August 12	23 yeeres, 8 mo. 19 da.	143
Henry 8	1509 Aprill 23	37 yeeres, 10 mo. 2 da.	119
Edward 6	1546 Ianuary 28	6 yeeres, 5 mo. 19 da.	82
Henry 8	1553 Iuly 6	5 yeeres, 4 mo. 22 da.	75
Elizabeth 1	1558 Nouemb. 17	44 yeeres, 4 mo. 15 da.	70
James 1	1603 March 24	12 yeeres, 0 mo. 3 da.	26
Charles 1	1625 March 27	VIVAT REX.	

That the yeere of our Lord (for the date of any Record in England) beginnes upon the 25. day of March.

A Prognostication. Astronomical Calculation for this present yeere, 1628.

The true magnitude of the Tropicall yeere is 365. dayes, 5. houres, 55. firsts, 36. sec., 24. thirds, and in this time the Sunne maketh his Revolution throzow the 12. Signes, and returns againe to the first minute of the Signe Aries, at which time the Tropicall yeere beginneth.

The precession of the Equinoctiall is, according to the Ptolemitike Tables, 28. gra. 14. firsts, 36. seconds, 22. thirds, 25. fourths.

The Anomaly of the Equinoctiall is 2. Sex. gra. 21. firsts, 11. seconds, 14 thirds 52 fourths.

The obliquity of the Zodiacke is 23 gra. 28. firsts, 0. seconds, 48. thirds.

The Excentricity of the Sunne is 32198. the total, 1000000. or one part, 55. firsts, 54. seconds, 36 thirds, the total being 60.

gr. fir. sec. thir. four.

$\left. \begin{array}{l} \text{h} \ 29-36-34-36-1 \ \text{Z} \\ \text{V} \ 7-10-48-28-14 \ \text{Z} \\ \text{♂} \ 29-6-40-45-50 \ \text{Q} \\ \text{☉} \ 10-21-57-4-25 \ \text{Q} \\ \text{♀} \ 16-42-11-30-25 \ \text{II} \\ \text{♀} \ 1-5-35-17-5 \ \text{Z} \end{array} \right\}$
 Locus Apog.

But according to Tycho Brach, and our modern observations, the precession of the Equinoctiall is 28. gra. 21. firsts, 11. seconds, 30. thirds, 25. fourths.

Note that the Apogee of ☉ is (by the observation of Tycho Brach, and our late Astronomers) in 1. gra. 59. firsts, 59. seconds of ♄.

Chamberlaine. 1628.

The Compasse of the Earth is 21600. miles, whose Diameter is (according to Archimedes) 6872. miles; and eight eleuen parts of a mile.

The Globe of the Sunne containeth the Globe of the Earth 162. times.

Saturne containeth the Globe of the Earth 91. times.

Jupiter 95. times.

Mars one time, and five eight parts.

The Moone is the 43. part of the Earth.

Venus is the 37. part of the Earth.

Mercurie is the 32000. part of the Earth.

The Diameter of the Sunne is to the Diameter of the Earth, as 11. is to 1.

The Diameter of the Earth is to the Diameter of the Moone, as 17 is to 5.

from Stratford to the Equinoctiall, or rather to that part of the Earth where the Equinoctiall is their Zenith, is 3108. miles.

from Stratford to the North Pole, or rather to that part where the Pole is their Zenith, and the Equinoctiall their Horizon, is 2292. miles.

Of the Eclipses happening this present yeere.

There will be 5. Eclipses this present yeere 1628. viz. 2. of the Sunne, and 3. of the Moone.

The first Eclipse will be of the Moone, the 10. day of January, according to the new-reformed Count beyond the Sea; but the 10. day, according to our Account heere in England, at 8. a clock and 18. minutes at night.

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The beginning of this Eclipse will bee at 4 clocke, 12. min. and will beginne to be totally darkened, at 7. a clocke, 52. min. the middle will be at 9. a clocke, 18. min. and will begin to reseedue some light at 9. a clocke, 10. min. and the end will bee at 10. a clocke, 13. minutes.

The whole time of the Eclipse will bee 3. hours 51. minutes.

The Digits eclipsed will be 20. par. 6. firs.

The second Eclipse will be of the Sunne, first of Iuly, according to the Gregorian account, the 21. of Iune heere with vs, at 10. a clocke, 41. minutes before noone: and this Eclipse will bee about the Cape of Good hope, and Magellanica, those Southerne parts.

The third Eclipse will be of the Moone, the 1. of Iuly, according to the Romish account, but the 1. day, according to our Church, at 10. a clocke 10. minutes before noone: and this Eclipse will be seene to our Antipodes.

The fourth Eclipse will be of the Sunne, the 1. of December, according to the Church of Rome, but the 1. day heere in England, at 2 of the clocke, 20. minutes afternoone; this will be seene in Spaine and Portugall, and Canarie Islands, and those South-west parts.

The fifth and last will be of the moone, the 30. of December heere with vs, at noone; and this will be seene to our Antipodes likewise,

A Table shewing by the Aspects of the Planets, what weather is like to ensue.

☾	♊	♀	☉	♈	♎
Clouds & moisture. Remisse heat. Frost. Clouds and snow.	Wind & rain. Wind & showers. Wind & clouds. Wind & snow.	Raine & clouds. Sudden raine. Cold ayre. Clouds and snow.	Rai. & cold. Haile or raine. Wind & raine. Remisse cold.	Raine and Thund. Thun. and haile. Rain & wind. Remi. cold.	Wind and raine. Haile & thund. Wind & wet. Troub. ayr.
Temperate Ayre.	Great wind	Temperate weather.	Winds. Thunder & lightning. Winds. Rem. cold.	Wind. Tempest. Whirlwind. Rem. cold.	Spring. Summer. Autumne. Winter.
Abates col. & moisture in hot Sign. causeth Thun. as in Summer.	Wind, & moisture, especially in airy signes.	Raine. Thunder & raine. Raine. Remisse cold.	Dry wind. Thunder. Dry wind. Remisse cold.	Spring. Summer. Autumne. Winter.	♂ * ☐ △ or ☉
Alters the ayre, according to the season.	Winds & wet, according to the nature of the Signe.	Raine. Thunder & raine. Raine. Moisture.	Spring. Summer. Autumne. Winter.	♂ * ☐ △ or ☉	
Moisture or clou. remiff. heate, clou. whirlewind or snow.	Winds and wet.	Spring. Summer. Autumne. Winter.	♂ * ☐ △ or ☉		
For the most part wind and clouds.	♂ * ☐ △ or ☉				

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The vse of the former Table of the
Moones Aspects.

AS for example, the first day of January is to
note to be found, $\square \text{ } \text{U} \text{ } \text{D}$, that is, a Quartern
with Iupiter and the Moone, and it makes, as
you may see by the Table, temperate Ayre: and the
second day you shall finde these Characters, $\text{S} \text{ } \text{H}$
that is, an opposition of Saturne and the Moone,
which make by the Table Clouds and Snow: the
Moone being then in Pisces, a Signe of the water
Triplicitie, which is cold and moist, the weather
like to prove slobby, either with Sleet or Snow.

The 23 day of January, you shall finde a \square with
 H and the D in Capricornus: and the 24. day a $\text{S} \text{ } \text{D}$
in Capricornus, a Signe of the Earthly Triplicitie
and being cold and dry, the weather is likely to prove
frosy, with some snow.

The weather is altered according to the season
the yeere, & the nature of the Signe that the Moone
is in: Therefore I haue here set you downe the na-
ture of the Signes, with their triplicities.

The Signes of the fiery triplicitie. V } These are hot and dry, cheere-
 N } ricke, bitter, masculine, Dri-
 Z } tall, and of the day.

The Signes of the earthly triplicity. S } These are cold & dry, melancholy
 M } like, slowe, feminine, mercuri-
 V } all, and of the night.

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The Signes of the aery triplicity. } II } These are hot & moist, like the
 Arie, sanguine, sweet, mascu-
 line, Occidentall, & of the day.

The Signes of the watery triplicity. } S } These are cold and moist, like
 the water, legmaticke, unsa-
 uourie, feminine, Septentrio-
 nall, and of the night.

furthermore, the quality and nature of the Pla-
 nets are changed according to their place.

The quality and nature of the Planets in their place : As,

☿ II } heate & moisture, } as in the } Spring.
 ♀ S } heate & drynesse, } Summer.
 ☿ m } cold & drynesse, } Autumne.
 ♀ X } cold & moisture, } Winter.

from ☐ first } into ☐ first ☐ } heat & moisture.
 ☐ } ☐ last ☐ } heate & drynesse.
 ☐ } ☐ } cold & drynesse.
 ☐ } ☐ last ☐ } cold & moisture.

☿ } Orientall } addeth } cold and moisture.
 ♀ } Occidentall } drynesse.
 ♀ } Orientall } addeth } heate and moisture.
 ♀ } Occidentall } moisture.
 ♀ } Orientall } addeth } heate and drynesse.
 ♀ } Occidentall } drynesse.
 ♀ } Orientall } addeth } heate and moisture.
 ♀ } Occidentall } moisture.
 ♀ } Orientall } addeth } heate,
 ♀ } Occidentall } drynesse.

The

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The generall disposition of the four Quarters of the yeere, and first of Winter.

☉ in ♍ ≈ ♋.

Beware you doe no Physicke vse,
The Season being moist and cold;
To bleed or bathe see you refuse,
Warmed meats are best for yong or old.

The Winter Quarter, according to the Astronomers account, is already begunne, namely at such time as the Sunne made his entrance into the first minute of the Signe ♍, which was the last yeere the 12. day of December, at 2. of the clocke, 41. fir. 40. seconds in the afternoons, at which time the Sunne hauing arrived to his greatest South declination, made then the shortest day and longest night hère with vs: but hauing already begunne to make his precession thorow the Winter Signes, (viz. ♍, ♋,) and to returne againe from that Winter Solstice, toward that Equinoctiall Signe ♍, at what time this Quarter ends.

This Quarter is naturally cold and moist, howbeit sometimes it fortuneth, that this Quarter doth exceed or faile in his nature, according as the Planets be situated in the signes.

Diseases ordinarily bearing sway at this time are most proceeding from the head, by distillation vnto the other parts; as Catharres, Coughs, Hoarsenesse, Stoppings, and Inflammations of the Lungs.

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Redden of appetite, Paine in the Shoulders, backe
and heest, Collicks, Ditches, both in the sides and
loynes, Griefe in the loyns, with diuers the like.

Dame *Flora* now her face doth hide,
for feare of frost and snow,
Nor may she *Boreas* blasts abide
vpon her for to blow.
The Trees likewise stand quiuering now,
expecting still the Spring,
Which to them leaues and tender boughs,
and sap againe doth bring.

Of the Spring, the second Quarter of the Yeere.

☉ in ♋ & ♊.

The Spring by nature moist and warme,
The daies and nights of equall length,
To bleed or bathe will doe no harme,
Vse Physicks Art, thy health to strength.

From the greatest Declination Southward,
whereof I spake befoze, the Sunne beginning
now to mount toward our Zenith, causeth the
Vernal Equinoctiall, and beginning the Spring,
which is the second Quarter of this yeere, the same
beginning now when Winter ended, that is to say,
when the Sunne entreth the first minute of the E-
quinoctiall Signe Aries, which is this yeere the 10.
day of March, at 5. a clocke, 55. firsts, 42. seconds af-
ternoons;

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ternoone; so ascending forth along the Signes of the Spring, (viz. γ δ Π ,) vntill at length he cometh vnto his greatest exaltation and height above our heads, where Summer, the third part of the yeere, taketh its beginning.

Of naturall complexion, this Quarter is most warme, agreeing with Winter in one quality, whom it immediately followeth, and with Summer in another, before whom it commeth.

The Diseases most incident to this Quarter, are Melancholike madnesse, Head-ache, Falling sicknesse, Fluxes of blood, and Choler, Squinacies, Infectiue Coughs, Tetters and Ringworms, Leprosie, Blaines, Scabs, Small Pox, and diuers the like.

Bright shining *Phœbus* now is scene
to lengthen out the Dayes,
And make each Vegetable greene,
by vertue of his rayes:
The pretty Birds now sit and sing,
and *Flora* spends her houres,
To welcome in the pleasant Spring,
and decks the Fields with Flowres,

Of Summer, the fourth part of the yeere.

☉ in ζ α μ .

Summer by nature dry and hot,
And now the dayes at longest are,
No Physicke take, nor yet bleed not,
Let baths be in the Riuers cleere.

The Sunne hauing runne forth his race thorow
the Signes of the Spring, $\gamma \delta \Pi$, vntill at
length he cometh vnto the last minute there-
of, soone passeth into the first minute of ζ , where
as he maketh the Estiuall or Summer Solstitium,
and our longest day in the yeere; which is this yeere
the 10. day of Iune, at 22. minutes after noone; and
then he is in his greatest North Declination, and
nighest to our Zenith, insomuch that he walketh a-
way from vs, and beginneth to decline towards the
South, and maketh the dayes shorter and shorter, as
he passeth thorow the Summer Signes, viz. $\zeta \eta \nu$,
vntill he come to the last minute thereof, at which
time this part of the yeere endeth.

Infirmities like to molest the State of mans body,
are many of those that I haue already named in the
Spring Quarter: Moreover, intermitting ebur-
ning Tertians, Quartians, and Feauers of all sorts;
and also Cholericke Vomits, Fluxes, and sharpe
dropping eyes, grieffe in the Eares, soze Mouthes,
Botches and Biles, with dissoluing Sweats, and
the like.

Now Tylan mounted yp on hie,
threatneth the Earth to burne,
But whilst he praunceth thorow the Skie,
he downeward doth returne,
And from those Northerne Signes amaine,
beginneth to decline,
Vntill that he hath caught againe
the Equinoctiall Line.

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Of Autumne or Haruest, the last part of this yeere.

☉ in ♌ m. 7.

Now maist thou Physicke safely take;
The season being cold and dry:
Purge, bleede and bathe for thy healths sake;
If that there be necessity.

Haruest, or the last part of this Common yeere, beginneth immediately after the Sunns departure from the last minute of $\eta\gamma$ into the first minute of ♌, which shall be this yeere the 13 day of September, at 1 of the clock, 13 str. 52 sec in $\frac{1}{2}$ morning, and then is the second Hyemall or Winter Equinoctial at what time the dayes and nights are of equal length in all parts of the world. Thus consequently continueth this season, whilst the Sunne runneth shorow the 3 Haruest Signes ♌ m. 7, untill he cometh vnto the last minute of Sagittarius, at what time this part of the yeere endeth.

The naturall temperature of this quarter is to be cold and dry, variable and inconstant: a dangerous time for diseases and diseased persons.

Griefes overthrowing the prosperous estate of mans body this Haruest Quarter, are many of the Summers sicknesses, few therof ending at this time more increasing, and bringing many to their last home: besides Consumptions, Dropsies, and notable obstructions, Sciatica, and many others proceeding of Melancholy.

The Earth and Trees now ready stand,
to yeeld their fruits and leaues,

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And *Ceres* Nymphs are now at hand,
to gather in her sheaves;
And *Flora* thinkes to hide her head
within her mothers wombe,
And there to lye againe as dead,
Vntill the Spring doth come.

Certaine Elections to be chosen by course of the Moone.

L Et blood, for young persons, from the Change
to the first Quarter.

For them of middle age, from the first Quar-
ter to the full.

For elder folke, from the full to the last Quar-
ter.

For old folke, from the last quarter to the Change.

The best times to	{	by Drinkes,	{	the	{	m
purge, if the time		by Electuar.		D		S
be temperate,		by Pills,		in		X

To enter Baths for hot Diseases,	{	the	{	m S X,
for cold Diseases,				V Q Z,
To stop fluxes, rheumes & laxes,				S m v,
To take Preparatiues,				V Q Z,
To take Vomits,				V Q v,
To take Gargarizes,	{	in	{	V S v,
To take Clitters,				m.

Good to comfort the Vertues	{	Attractive,	{	the	{	V Q Z,
		Retentive,				S m v,
		Digestive,				II m m,
		Expulsive,				S m X.

Good

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10 00 00 00 00	}	Cut haire,	{	the	}	☿	♊	}	Increas- ing.	
		Set oꝛ sowe,		☽		♋	☿			♊
		Graft oꝛ plant,		☽		♌	☿			♋
		Cut Wines,		☽		♍	☿			♌

Seld oꝛ lib Cattell, the Moone in ♌ ☿ X, creaking.

Sell Timber from S. Iohn Bapt. to the end of yeere.

Remoue Graftes or young Trees, at the Quarter.

Of the *Julian* yeere; and why it is so called
and likewise of the *Bissextile* or *Leap*-yeere;
and why it is so called.

The *Julian* yeere is that which we vse at this present day, which of all other yeeres, draweth nearest vnto the *Tropicall* yeere: for this yeere consisteth of 365. daies and 6 houres; which 6 houres if it should be reckoned euery yeere, it would make great confusion; and therefore it is reckoned at the end of euery fourth yeere, which fourth yeere consisteth of 366. daies: for 4. times 6. make 24. houres which is one whole naturall day; wherefore the yeere is called *Leap*-yeere: and thereby the *Julian* yeere is said to be two-fold, that is, common, containing 365. daies, and the other *Bissextile* or *Leap*-yeere, containing 366. daies: This word *Bissextile* is derived of bis and sextus, because the sixth day before the Calends of March, is twice repeated or reckoned; which is indeed the 21. day of February, on which day the feast of S. Matthias falleth when it is *Leap*-yeere, but it is on the 24. day in the common yeere.

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The reason why this yeere is called the *Julian* yeere, is, because *Julius Caesar*, the first Monarke of the *Roman Empire*, caused the yeere (according to the course of the *Sunne*) to be reduced to the number of dayes and houres before expressed; who brought an excellent *Astronomer* with him at his coming from *Egypt*, as well for that purpose, as to teach the *Mathematicall* disciplines to the *Romanes*: yet you have to consider, that the *Julian* yeere being greater then the *Tropicall* yeere, both cause great diversitie, in that it maketh as well the *Equinoctiall* and *Solstitiall* points, as also the entrance of the *Sun* into the other *Signes* by little and little, to anticipate their turne before: for whereas in *Julius Caesars* time, the vernal *Equinox* was the 23. of *March*, the same *Equinox* is now about the 11. day of *March*, which is sooner by 12. dayes.

Which error was corrected in *Rome* by *Lilian*, at the command of *Pope Gregorie*, in the yeere 1582, which is 46. yeeres agoe: and that is the reason that the feast of *Christmas* is 10. dayes before ours. Now whether it be better for vs to correct ours, or to retain it in the forme that it is now in, I leave it to others to iudge.

Of the *Lunar* yeere, both common and extraordinarie.

Of *Lunar* yeeres there be two kinds, the one is called in *Latine*, *Annus communis*, the other is called *Embolismalis*. The common *Lunar* yeere consisteth of twelve *Moones* (not *Months*) or *lunations*, which the *Latines* call *Lunations*. It is called

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called the Common yeere Lunar, in respect of his accord with the Solar yeere: for as the one consisteth of 12. Moneths Lunar, so the other consisteth of 12. Moneths Solar, the one hauing 354. dayes, the other 355. diuiding the odder houres in them both: so that the Solar yeere exceedeth the common Lunar yeere 11. dayes, of which the Epact taketh its originall.

A way for to get the Golden Number, or Prime.

A Doe to the yeere of our Lord, one, then diuide that Summe by 19. the remainder is the Golden Number, or Prime: but if nothing remaineth then the Prime or Golden Number is 19.

The Epact is thus found.

Multiply the Prime by 11, diuide the Product by 30. the remainder is the Epact. Or add the Epact 11. so haue you the Epact for the next yeere. But if your number of Addition exceed 30. take away 30. the remainder is the Epact for the yeere.

To finde the Change of the Moone by the Epact.

A Doe to the Epact the number of the moneths from March to the proposed moneth, including the said moneth: then take that number from 30. if the moneth you desire to know the Change

haue 31 dayes in it, or else take it out of 29, and you shall haue the day of the Change. But if so be that the Epact and number of your moneth exceed 30, then subtract them from 59, and you shall haue your desire:

As for example, This yeere the Epact is 4, and I desire to know the day of the Change in Aprill: The Epact being 4, and the moneths 2, make 6, which because Aprill hath but 30 dayes, I take 6 from 29, and there remaine 23: so therefore the 23 day of Aprill the Moone changeth.

These numbers begin alwaies at March, but the Cycle of the Sun and the Dominicall Letter, begin at the first day of January.

Why the Starres seeme fewest in Summer, and most in Winter.

The reason is, because the predominating cold of the winter, is driven in Summer into the middlest region of the ayre, where (by reason of the Antiparistalls of heate aboue and beneath) the ayre is thickned, that our sight cannot pierce thoro the same, whereby the lesser Starres appeare not to the sight; whereas in Winter the cold breaketh forth, and dispersing it selfe, becommeth more thine, and the Ayre more pure, whereby we may see into the Starres, as thoro a transparent Glasse. Or, the light of the Sunne, which obscureth the brightnesse of the Starres, neuer departeth farre from vs in Summer, leauing a mixture of his light aboue the Horizon; whereas in Winter, he is much parted and depressed: for, the darker the night,

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the brighter the Starres, and the more appears, &
the more be cleere.

A Rule, by knowing what any thing is
worth a pound, to know what it is
worth by the 100.

Turne the price of the pound into farthings,
and then take twice so many shillings, and once
so many groats, for the price of the hundred
Auerdepois weight, which is due score and twelve
pound to the hundred.

Example: A Grocer hath Quines, which he sells
for two pence halfe penny the pound, and he desires
to know what that is a hundred: There is in the
pence halfe penny 10. farthings, then by taking twice
tenne shillings, which is one pound, and once so many
my groats, which is three shillings and four pence
adde them together, and they make twenty three
shillings and four pence, and so much is the hun-
dred worth, after the rate of two pence halfe penny
the pound.

Another Example: If I pay for Currans, six
pence a pound, what is that a hundred: In six
pence there is 20. farthings; then by taking twice
twenty shillings, and once twenty groats, you shall
finde, that that will come to two pound, six shillings
eight pence, that is forty six shillings eight pence
the hundred.

How by knowing what you spend a day,
to know what it is a yeere.

FO; so many pence as you spend a day, take so many pounds, and so many halfe pounds, so many groats, and so many pence, for the yeere.

Example: Admit you spend a penny a day, and wile to know what that cometh to in a yeere; take one pound, one halfe pound, one groat, and one penny, which added together, make 30. Shillings and pence for a yeere.

Another Example: If you spend 4. pence a day, that is 4 pound, 4 halfe pound, 4 groats, and 4 pence, which added together, doe make 6. pound, 1 Shilling, 4 pence: so that foure pence a day, is sixe pound, one Shilling and eight pence per annum.

The nature of the Planets.

Saturne is cold and dry, melancholike, an enemy & destroyer of the nature & life of man, of the day, masculine, euill, and the greatest misfortune.

Jupiter is hot and moist, sanguine, a friend and seruer of the life and nature of man, masculine, of the day, and is called the greatest fortune.

Mars is immoderately hot and dry, cholerike, masculine, and of the night, euill, and the lesse misfortune.

The Sunne is moderately hot and dry, masculine, of the day; fortunate by aspect, but infortunate by coppozall coniunction.

Venus is cold and moist, temperate, flegmaticke, feminine,

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feminine, and of the night; of good nature, and is called the lesse fortune.

Mercury in all things is common and mutable, he is good with the good, and euill with the euill, with the masculine he is masculine, and with the feminine he is feminine, hot with the hot, and moist with the moist, infortunate with the infortunat, misfortunes, and fortunate with the fortunes, especially when he is ioyned, or corporally applying vnto them, or beholdeth them with some good aspect.

The Moone likewise is cold and moist; and altho it she doe heate a little, yet shee doth moisten more: she doth change her nature and quality according to the Quarters, like as the Sunne doth throughout the Signes of the Zodiacke, and the quarters and parts of the peere: she is also feminine, of the night, and segmaticke, and sendeth vnto vs all the vertue and impression of the other Planets; for all the influence of the higher bodies, passing thorow her Circle, come finally vnto vs.

The head of the Dragon is in all points like vnto Mercurie, good with the good Planets, and euill with the euill: for being ioyned with the good Planets, he doth increase their goodnesse, and with the euill, their malice.

The taile of the Dragon is contrarie to the head, for he is euill with the good, and good with the euill, so that he doth diminish the malice of the euill Planets, and hinders the goodnesse of the good.

FINIS.

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If any Man bee desirous to
practise any of these Arts following,
let them repaire vnto the Author, where
they may receiue instruction.

S Vrueying of Land with many vsuall In-
struments, as Plaine Table, Theodolite,
Circumferenter, Geodeticall Staffe, Tra-
milliure Staffe, Topographicall Glasse, and any
other the like.

Measuring of all Solids, as Stone and Tim-
ber, and the like, by the foot.

Measuring of Superficions, as Glasse, Boord,
Wainescot, Paving, Seeling, and the like.

The making of all manner of Dials, as de-
clining, declining and reclining, declining and
inclining, either Geometrically, or by Sines
and Tangents, or by Logarithmes, or by Ma-
ster Gunters Rule of Arithmeticall Sines and
Tangents: Likewise, the making of all maner
of Instrumentall Dials.

The vse of the Globes, both Celestiall and
Terrestriall, with the vse of the Spheare.

Navigation, Principles thereof, with the
vse

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use of all Nauticall Instruments, as Cross-staffe, Astralabe, Sea-rings, Sea-quadrant or the like.

Reducing of Plots, Maps or Charts, to desired proportion, from a greater to a lesser from a lesser to a greater.

The description and use of the Astralabe by the which may be wrought most of the principall points of Navigation, and most of the chiefest conclusions that are to be wrought on the Globes.

Casting of Accounts, either with Pen and Counters, or without, by a Table invented by the Author.

These, with diuers other of the like nature you shall finde the Author ready and willing, as a lover of Art, to instruct them so farre as shall be needfull to attaining of any of them.

Vale.